



Attorney Docket No.: SGI 15-4-453.00

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the U.S. Patent and Trademark Office, Washington, D.C., 20231, on the below date of deposit.			
Date of Deposit:	06/23/99	Name of Person Making the Deposit:	KATHERINE RINALDI
		Signature of the Person Making the Deposit:	<i>Katherine Rinaldi</i>

In re Application of: Papakipos et al.

Serial No.: 08/845,526

Examiner: Padmanabhan, M.

Filed: 04/25/97

Art Unit: 2772

For: A METHOD AND SYSTEM FOR EFFICIENTLY DRAWING NURBS SURFACES FOR 3D GRAPHICS

Assistant Commissioner for Patents  
Washington, D.C. 20231

**RECEIVED**  
JUL 06 1999  
Group 2700

AMENDMENT TRANSMITTAL

1. Transmitted herewith is an amendment for this application

☒ Transmitted herewith is a response to an office action for the above identified patent application.  
( 11 sheets)  
Transmitted herewith are \_\_\_\_\_ sheets of substitute formal drawings.  
Other: \_\_\_\_\_

2. Applicant is other than a small entity

**Extension of Term**

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply.

(a) ☒ Applicant petitions for an extension of time under 37 C.F.R. 1.136  
(fees: 37 C.F.R. 1.17(a)-(d) for the total number of months checked below:)

<u>Extension</u>	<u>Fee</u>
<input checked="" type="checkbox"/> one month	\$110.00
<input type="checkbox"/> two months	\$380.00
<input type="checkbox"/> three months	\$870.00
<input type="checkbox"/> four months	\$1,360.00

**Fee \$ 110.00**

If an additional extension of time is required, please consider this a petition therefor.

(b) ☐ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

06/30/1999 SARAYA 00000144 08845526

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### Fee Calculation

4. The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:

(for other than a small entity)					
Fee Items	Claims Remaining After Amendment	Highest Number of Claims Previously Paid For	Present Extra Claims	Fee Rate	Total
Total Claims	22	- 25 =	0	x \$18.00	\$0.00
Independent Claims	5	- 5 =	0	x \$78.00	\$0.00
Multiple Dependent Claim Fee (one or more, first added by this amendment)				\$260.00	\$0.00
<b>Total Fees</b>					\$0.00

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### PAYMENT OF FEES

JUL 06 1999

Gross 2700


5. The full fee due in connection with this communication is \_ provided as follows:
- [ x ] The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No.: 23-0085.  
A duplicate copy of this authorization is enclosed.
- [ x ] A check in the amount of \$110.00
- [ ] Charge any fees required or credit any overpayments associated with this filing to Deposit Account No.: 23-0085.

Please direct all correspondence concerning the above-identified application to the following address:

**WAGNER, MURABITO & HAO LLP**  
Two North Market Street, Third Floor  
San Jose, California 95113  
(408) 938-9060

Respectfully submitted,

Date: 23 Jan 1999

By:   
Glenn D. Barnes  
Reg. No. 42,293



SGI 15-4-453

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Papakipos et al.

Serial No. : 08/845,526

Group Art Unit : 2772

Filed : 04/25/97

Examiner : Padmanabhan, M.

For : A METHOD AND SYSTEM FOR EFFICIENTLY DRAWING  
NURBS SURFACES FOR 3D GRAPHICS

AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION

Assistant Commissioner for Patents & Trademarks  
Washington, D.C. 20231

Sir:

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In response to the Office Action mailed 03/19/99, please amend the  
above-referenced Application as follows and consider the following remarks:

IN THE CLAIMS

Please amend the claims as follows:

1. (Amended) In a computer system having a processor, a bus, and a  
graphics rendering pipeline for displaying 3D graphics on a display, a computer  
implemented method for rendering a curve or a surface, the method comprising  
the computer implemented steps of:

- a) receiving a NURBS model for rendering from a software program  
running on the processor of the computer system ;
- b) converting the NURBS model to a Bezier model using the graphics  
rendering pipeline;

A/  
cont